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Amendments to Claims

1. (Currently Amended) An ink jet printable composition comprising
 - (a) ~~functional~~ conductive material;
 - (b) ~~organic polymer comprising~~ polyvinylpyrrolidone homopolymer, polyvinylpyrrolidone copolymer or mixtures thereof; dispersed in
 - (c) dispersion vehicle selected from organic solvent, water, or mixtures thereof;and wherein the viscosity of said composition is between 5 mPa.s to 50 mPa.s at a temperature of 25 to 35°C and wherein the conductive material has a particle size of greater than 0.1 to 1.2 microns.
2. (Original) The composition of Claim 1 further comprising up to 10 wt.% inorganic resinate as binder precursor.
3. (Original) The composition of Claim 2 wherein said inorganic resinate is silver resinate or a mixture of metal resinates.
4. (Cancelled) ~~The composition of Claim 1 wherein said functional material is a conductive functional material.~~
5. (Currently Amended) The composition of Claim 1 wherein said organic polymer is further comprised of other polymers selected from the group ~~comprising~~ consisting of polymethacrylates and polyacrylates.
6. (Original) The composition of Claim 1 further comprising a monomer wherein said monomer is ultraviolet curable or thermally curable.
7. (Currently Amended) The composition of Claim 6 wherein said monomer is selected from the group ~~comprising~~ consisting of triethylolpropane ethoxy triacrylate, trimethylolpropane triacrylate, pentaerythritol triacrylate, pentaerythritol trimethacrylate, trimethylolpropane trimethacrylate, pentaerythritol tetraacrylate, pentaerythritol tetramethacrylate, triethylene glycol diacrylate, triethylene glycol dimethacrylate,

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polyoxyethylated trimethylolpropane triacrylate, ethylated pentaerythritol triacrylate, dipentaerythritol monohydroxypentaacrylate and 1,10-decanediol dimethacrylate.

8. (Currently Amended) The composition of Claim 1 wherein said ~~functional~~ conductive material is present in the range of 1-60 wt.%, based on total composition.

9. (Original) The composition of Claim 1 wherein said organic polymer is present in the range of 1-10 wt.%, based on total composition.

10. (Original) The composition of Claim 1 wherein said dispersion vehicle is present in the range of 40-95 wt.%, based on total composition.

11. (Original) The composition of Claim 6 further comprising a photoinitiator.

12. (Currently Amended) The composition of any one of Claims 1-7 wherein said organic solvent is selected from the group consisting of aliphatic alcohols, esters of aliphatic alcohols, terpenes, ethylene glycol, esters of ethylene glycol, carbitol esters ~~or~~ and mixtures thereof.

13. (Currently Amended) The composition of Claim 4 1 wherein said ~~conductor~~ conductive material is coated with a fatty acid surfactant selected from the group ~~comprising~~ consisting of stearic acid, palmitic acid, a salt of stearate, a salt of palmitate and mixtures thereof.

14. (Original) An application package which comprises a cartridge and the composition of Claim 1 wherein said cartridge is suitable to disperse said composition in an ink jet system.

15. (New) The composition of Claim 1 wherein the composition exhibits stability for up to 24 hours and may be inkjetted without further agitation.

16. (New) The composition of Claim 1 wherein the percent of conductive material in the composition is from 15 wt% to 60 wt%.

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17. (New) The composition of Claim 1 wherein said composition is applied to a substrate selected from the group consisting of glass, ceramic and plastic.

18. (New) The composition of Claim 1 applied in a process of one pass printing as a (dried) line width in the range of 100-165 microns with a line thickness in the range of 1.2-2.0 microns, upon one-pass printing.